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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

OR

Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	DB001067-000
First Named Inventor	Mark Beaumont
COMPLETE IF KNOWN	
Application Number	
Filing Date	20 October 2003
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR USING EXTREMA TO LOAD BALANCING A LOOP OF PARALLEL PROCESSING ELEMENTS

(Title of the Invention)

the specification of which

is attached hereto

OR

was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			YES	NO	
0309209.5	UK	04/23/2003	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: Customer Number
or Bar Code Label

OR

Correspondence address below

24122

PATENT TRADEMARK OFFICE

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : A petition has been filed for this unsigned inventor

Mark

Given Name
(first and middle [if any])

Beaumont

Family Name
or SurnameInventor's
Signature

6-Aug-2003

Date

Reading

Berkshire

UK

UK

Residence: City

State

Country

Citizenship

Mailing Address
30 Lorne Street

Reading

Berkshire

RG1 7YN

UK

City

State

ZIP

Country

NAME OF SECOND INVENTOR:

A petition has been filed for this unsigned inventor

Given Name
(first and middle [if any])Family Name
or SurnameInventor's
Signature

Date

Residence: City

State

Country

Citizenship

Mailing Address

City

State

ZIP

Country

Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
37 C.F.R. § 3.73(b) Statement

Applicants	Title	Serial No.	Filing Date
Mark Beaumont	METHOD FOR USING EXTREMA TO LOAD BALANCE A LOOP OF PARALLEL PROCESSING ELEMENTS		

Micron Technology, Inc. is the assignee of the entire right, title and interest in the patent applications identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the United States Patent and Trademark office on _____ at Reel _____ Frame _____, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From _____ To: _____

The document was recorded in the United States Patent and Trademark Office on _____ at Reel _____, Frame _____, or for which a copy thereof is attached.

Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Power of Attorney

I hereby revoke all previous powers of attorney, if any, and appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Edward L. Pencoske Reg. No. 29,688
 Richard J. Coldren Reg. No. 44,084

Michael L. Lynch Reg. No. 30,781
 Jenifer S. Tarasi Reg. No. 46,064
 Abhijat Parikh Reg. No. 49,086

Please Direct All Correspondence to:

Richard J. Coldren, Esquire
Thorp Reed & Armstrong
One Oxford Centre
301 Grant Street
Pittsburgh, PA 15222

Declaration

I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R. § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

Date

Oct 13, 2003

Signature



Name

Michael L. Lynch

Title

Chief Patent Counsel

COPY

PATENT

Attorney's Docket No. DB001067-000

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Inventor(s) or person(s) or entity(ies) who own the invention

Mark Beaumont

(type or print name(s) of ASSIGNOR(S))

30 Lorne Street
Reading
RG1 7YN
Berkshire, UK

Address

U.K.

Citizenship

(if assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO, add the following)

Recorded on _____

Reel _____
Frame _____

hereby sells, assigns and transfers to

ASSIGNEE:

Micron Technology, Inc.

(type or print name(s) of ASSIGNEE(S))

8000 S. Federal Way

Address

Boise, ID 83707-0006

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest
 an undivided _____ percent (____%) interest for the
United States and its territorial possession

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to
any and all improvements which are disclosed in the invention entitled:

METHOD FOR USING EXTREMA TO LOAD BALANCING A LOOP OF PARALLEL PROCESSING
ELEMENTS

Name of inventor(s) Mark Beaumont

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) U.S. patent application executed on even date herewith
(b) U.S. patent application executed on _____
(c) U.S. provisional application naming the above inventor(s) for the above
entitled invention.
 Express mail label no. _____
Mailed: _____
 To comply with 37 CFR 3.21 for recordal of this assignment, I, and
ASSIGNOR signing below, hereby authorize and request my attorney to
insert below the filing date and application number when they become
known.
(d) U.S. application no. _____
filed on _____
(e) International application no. PCT/ _____ / _____
(f) U.S. patent no. _____ issued _____
 A change of address to which correspondence is to be sent
regarding patent maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to
claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or
any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or
re-examination thereof

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance
has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letter Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this _____ day of

Date of Signing

WARNING: *The date of signing must be the same as the date of execution of the application, if item (a) was checked above.*

Date: 24-SEP-2003

J. M. Beaumont.

Signature of ASSIGNOR(S)

Date: _____

Date: _____

Date: _____

(if ASSIGNOR is a legal entity, complete the following information)

*(type or print the name of the above person
authorized to sign on behalf of ASSIGNOR)*

Title

Note: *No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.*

Notarization or Legalization Page Added.

PATENT
Attorney's Docket No. DB001067-000

NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment, and is only *prima facie* evidence of execution, 35 USC 261.

Details of Country ENGLAND Brooker Grindrod

And place of signing of assignment Suite 3 · Dudley House · Bracknell
Berkshire RG12 1LL
DX: 33603 Bracknell

Before me this 24th day of September 2003, personally appeared the above named individual(s), to me known to be the person(s) who is are described in, and who executed the foregoing assignment instrument and acknowledged to me that

he

his

she

executed the same of

her

they

their

own free will for the purpose therein expressed.

John R
Notary Public or Consular Officer of the
United States of America

Brooker Grindrod

Suite 3 · Dudley House · P.
Berkshire RG12 1LL

DX: 33603 Bracknell

APOSTILLE
(Convention de la Haye du Oct. 5, 1961)

1. Country _____

This public document

2. has been signed by _____

3. acting in the capacity of _____

4. bears the seal/stamp of _____

Certified

5. at _____

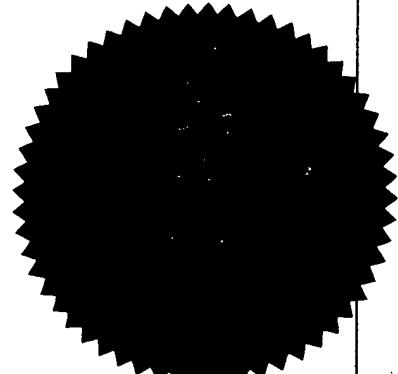
6. the _____

7. by _____

8. No. _____

9. Seal/Stamp:

10. Signature



APOSTILLE
(Hague Convention of 5 October 1961 / Convention de La Haye du 5 octobre 1961)

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

1. Country: United Kingdom of Great Britain and Northern Ireland
Pays: Royaume-Uni de Grande-Bretagne et d'Irlande du Nord

This public document / Le présent acte public

2. Has been signed by **A Brooker**
a été signé par

3. Acting in the capacity of **Notary Public**
agissant en qualité de

4. Bears the seal/stamp of **The Said Notary Public**
est revêtu du sceau/timbre de

5. at London/à Londres Certified/Attesté
6. the/le **06 October 2003**

7. by Her Majesty's Principal Secretary of State for Foreign and Commonwealth Affairs /
par le Secrétaire d'Etat Principal de Sa Majesté aux Affaires Etrangères et du Commonwealth.

8. Number/sous No **G261691**

9. Stamp:
timbre: 10. Signature: **M. Monaghan**



For the Secretary of State / Pour le Secrétaire d'Etat

If this document is to be used in a country which is not party to the Hague Convention of 5 October 1961,
it should be presented to the consular section of the mission representing that country.